

HIGH THROUGHPUT MECHANICAL RAPID SERIAL PROPERTY TESTING OF MATERIALS LIBRARIES

ABSTRACT OF THE DISCLOSURE

A library of materials is screened for mechanical properties such as strength, tack or other properties. A library of materials is provided. A stimulus such as a stress or force is provided to each member of the library. A response (e.g., a strain) of each of the materials due to the stimulus is measured and the response, the stimulus or both are recorded and related to provide data. Thereafter, the data is analyzed to reach conclusions regarding properties of the material samples.